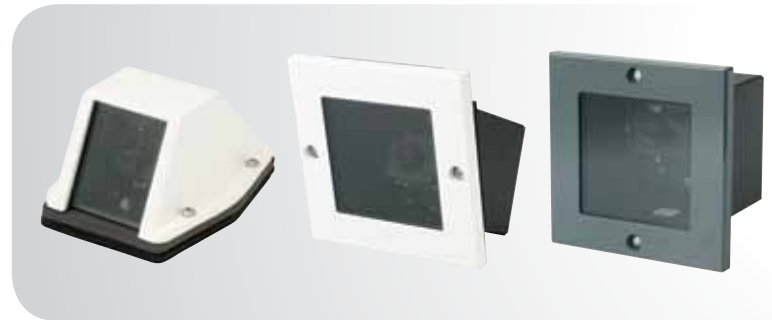


# MSS 7000/ 8000 Series

Color and black-and-white cameras



## OVERVIEW

Featuring tamper-resistant construction, low profile and flush mounting, MobileView™ cameras and housings are ideally suited for transit vehicle installations. These cameras use less than 1W of power, 40% less than comparable models, and deliver up to 550 TVL in both color and black-and-white models for exceptional picture quality.

Equipped with a Switch Selectable Digital Mirror, these units are easily engaged using an onboard dipswitch with no programming required. Color cameras employ a full-time infrared cut filter to ensure optimal image replication while eliminating focus drift. In addition, the black-and-white models are highly responsive to infrared illumination that provides excellent image quality even in complete darkness.

## STANDARD FEATURES

- Up to 550 TVL delivers high-resolution images
- Switch Selectable Digital Mirror means no special cables or programming required
- Wide operating temperature range from 0-50°C
- Low power of 0.75W reduces the load for mobile environments
- Low-profile wedge and recessed enclosures fit perfectly in low ceiling- and flush-mounting applications
- Tamper resistant construction and impact-resistant glass withstand years of abuse from vehicle patrons
- Positive-locking connections ensure consistent connections
- Simplistic two-piece design reduces maintenance and adjustment
- No moving parts reduces the impact of vibration and shock
- Multiple lens options help match field of view to applications

# MSS 7000/ 8000 Series

Color and black-and-white cameras

North America  
T 855-286-8889

Asia  
T 852-2907-8108

Australia  
T 61-3-9239-1200

Europe  
T 32-2-725-11-20

Latin America  
T 561-998-6114

## Specifications

### General

Lens Focal	2.9mm	4.0mm	6.0mm	8.0mm	12mm
Sensor	1/3" interline transfer CCD				
Total Pixels	NTSC:811(H) x 508(V), PAL:795(H) x 596(V)				
Effective Pixels	NTSC:768(H) x 494(V), PAL:752(H) x 582(V)				
Resolution (TVL)	550	520	500	500	470
Scanning System	NTSC:525Lines/60 Fields, PAL:625 Lines/50 Fields				
S/N Ratio	More than 50dB (AGC off)				
Mirror	Horizontal mirror on/off by switch				
Electronic Shutter	Auto, Fixed:1/60 (1/50)~1/100,000 sec				
Sensitivity (@F2.0, 30IRE)	0.2 Lux	0.3 Lux	0.1 Lux	0.2 Lux	0.2 Lux
Video Output	1.0Vp-p / 75 ohm composite				

### Electrical Specifications

Power Source	DC12V
Power Consumption	0.75 Watt (max.)
Current	63mA (max.)

### Ambient Specifications

Operating Temperature	-10 to 50° C (14 to 122° F)
Storage Temperature	-20 to 70° C (-4 to 158° F)

### Mechanical Specifications

Board Dimension (WxLxD)	1.5 x 1.5 x 1.5 in. (38 x 38 x 38 mm)
Surface Mount Base (WxLxD)	4.0 x 5.0 x 2.5 in. (102 x 127 x 64 mm)
Square Housing (WxLxD)	4.5 x 3.25 x 3.25 in (114 x 83 x 83 mm)
Angled Housing (WxLxD)	4.625 x 4.625 x 4.25 in. (117 x 117 x 108 mm)

### Regulatory

FCC	Part 15, Class B
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## Ordering Information

Model	Description
MSS-7003-xx-00	Black-and-White camera with surface-mount base plate
MSS-7004-xx-yy**	Black-and-White camera with recessed enclosure
MSS-8001-xx-00	Color camera with surface-mount base plate
MSS-8002- xx-yy**	Color camera with recessed enclosure
MSS-3010-00-04	Cast aluminum housing for surface-mount cameras
MSS-3011-00-00	3/4" spacer
MSS-4012-**-01	Flush bezel for recessed enclosures
MSS-4030-zz-01	Pre-cut and terminated camera video cable

xx = 29, 40, 60, 80, 12      Replace xx with the lens type

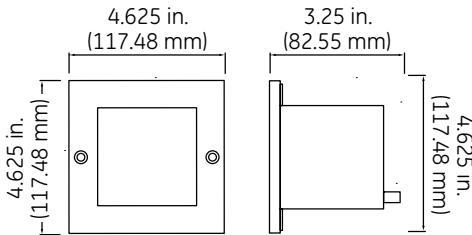
yy = AN, SQ      Replace yy with the enclosure type:  
AN = Angled, SQ = Square

\*\* = PW, PB      Replace \*\* with color option: PW = White,  
PB = Black

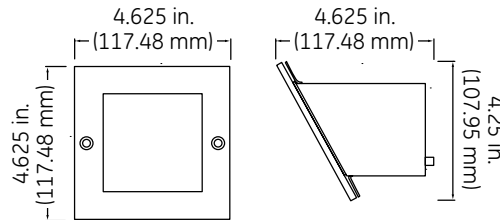
zz = Cable length in feet      Standard Cable length: 10, 15, 20, 25,  
30, 35, 40, 45, 50, 55

## Dimensional Diagrams

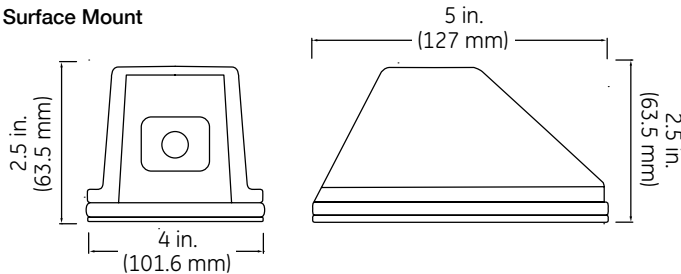
### Square



### Angled



### Surface Mount



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Specifications subject to change without notice.

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